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TITLE: HEAT EXCHANGER EQUIPPED WITH RELIEF VALVE

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INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a device which prevents the outflow of an additional heat transfer medium to the circumference of a heater after an accident.

SOLUTION: In a heat exchanger of rotation symmetry, especially, a heat roll capable of rotation drive whose temperature is adjusted with liquid, gas, heat transfer oil, water, or steam, and which is used especially in paper industry, at least one piece of shutoff mechanism prevents the supply flow of the heat roll or the leakage of a return flow the very moment the pressure of the supply flow of the heat transfer medium or the pressure of the

return flow drops
sharply or drops to zero.

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